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Appendix

Pending claims 1-4 are as follows:

1. A spin valve magnetoresistance sensor, comprising:

a base layer layered on top of a substrate, the base layer including a first base film having a nonmagnetic metal and a second base film formed on top of the first base film, the second base film having an alloy represented by NiFeX , wherein X includes one of Cr, Nb and Rh, the second base film having a face-centered cubic (fcc) structure and a (111) orientation;

a pair of magnetic layers enclosing a nonmagnetic layer layered on top of the base layer; and

an antiferromagnetic layer adjacent to one of the pair of magnetic layers.

2. The spin valve magnetoresistance sensor described in claim 1 wherein a film thickness of the second base film is within a range of 20 to 100Å.

3. The spin valve magnetoresistance sensor of claim 1 wherein X is Cr, wherein a content of Cr in the second base film is within a range of 20 to 50 at%.

4. The spin valve magnetoresistance sensor of claim 1 wherein the spin valve magnetoresistance sensor is included in a thin film magnetic head.